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Acme Motion Picture Projector Co.

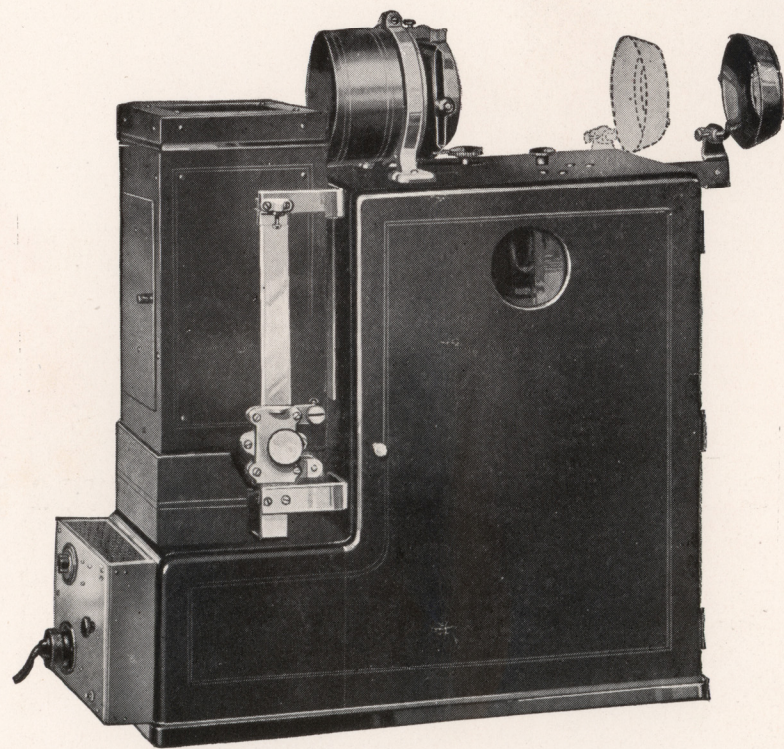
806 W. Washington Blvd.
Chicago, Ill.

The "Acme" S. V. E. a Projector and

SEMI-PORTABLE Moving Picture Projector that is far superior to any other similar machine ever designed, and with a Stereopticon Attachment of an equally high quality. This makes a combination that excels anything ever offered for SCHOOLS, Churches, Community Centers, Institutions, Lecture Purposes and small Moving Picture Theaters.

This combination machine case is of cast aluminum which makes it very light, but still has the strength of steel, and when the door is closed (which it should be when projecting film) the motion picture machine is *entirely* enclosed.

All "Acmes" have a glass window in the door, which gives the operator full view of the machine while in operation.



The above illustration shows the lamphouse in position for projecting motion pictures.

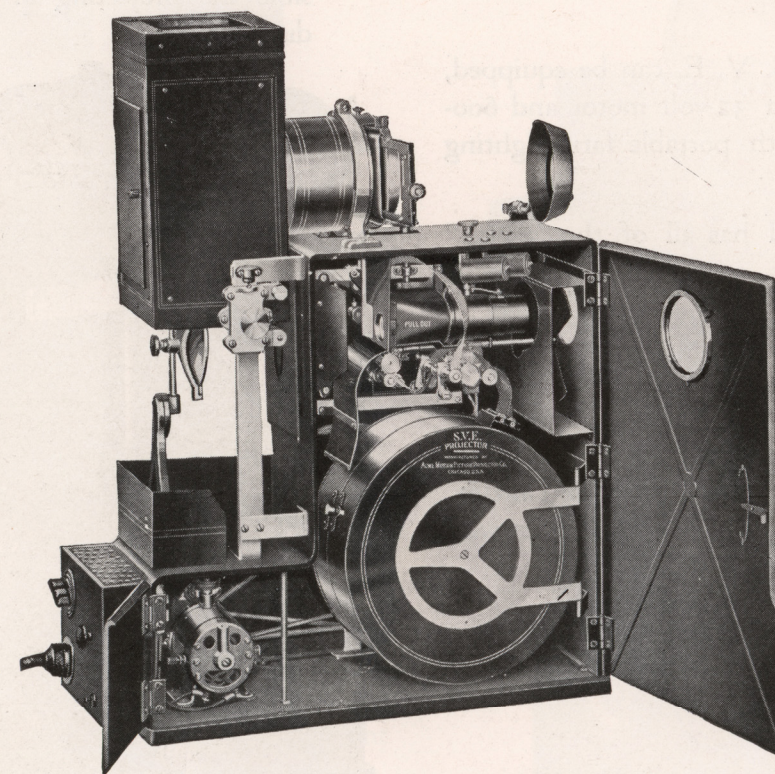
Combined Motion Picture Stereopticon

The "Acme" S. V. E. is **TWO complete and distinct machines in one.**

The showing of slides, while the changing of reels takes place, holds the attention of the audience or class, and lends an added interest to the subject. A continuous program can thus be arranged which eliminates all interruptions or waits.

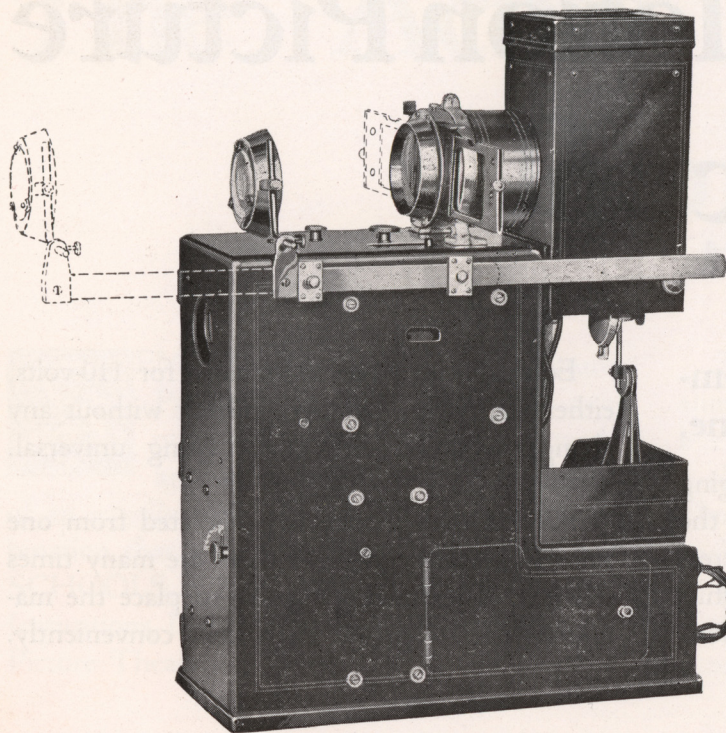
Equipped with 1000-watt lamp for 110-volts, either alternating or direct current without any changes whatever, the motor being universal.

All "Acme" models are operated from one side. In showing pictures there are many times when it is not always possible to place the machine so as to get at both sides conveniently.



The lamphouse in the above illustration is in its elevated position for showing slides.

S. V. E. Features



The Stereopticon Lens and its focusing adjustment is simplicity itself, as is shown in the illustration. To focus the slide on the screen, all that is necessary is to move this lens forward or backward. A knurled headed screw holds it in position after the focusing has been done.

The Stereopticon Condenser Mount and the Slide Carrier are mounted in a round aluminum casting and held with a clamp screw. Should at any time the slide or slide mat be crooked on the screen, it can be straightened up instantly by simply raising or lowering the slide carrier.

All of the stereopticon attachments can be easily and quickly removed, if desired.

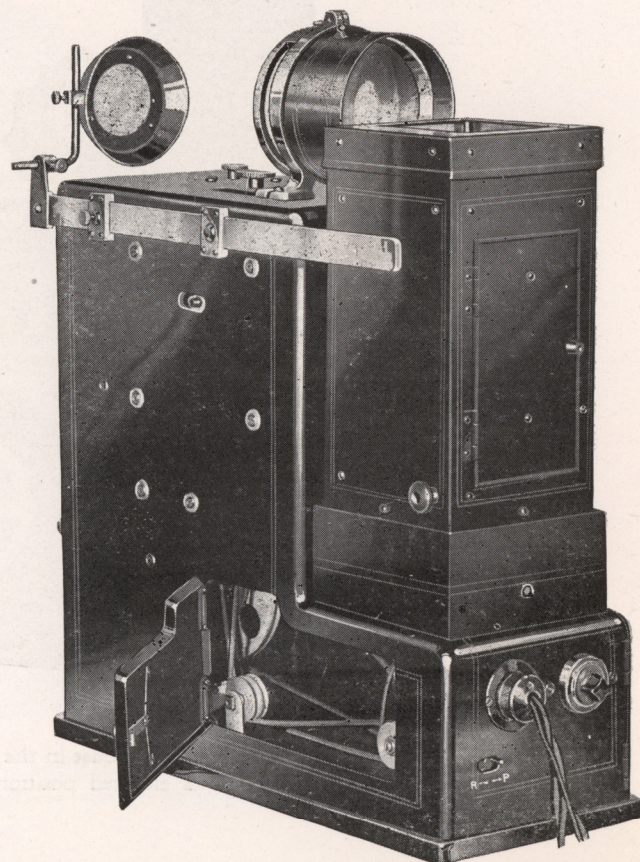
With the S. V. E. Model a 7-inch motion picture projector and a 20-inch stereopticon lens can be used, making possible the projecting of pictures at great distances.

The "Acme" S. V. E. can be equipped, when ordered, with a 32-volt motor and 600-watt lamp for use with portable farm lighting plants.

The S. V. E. Model has all of the "Acme" features.

- Framing Device
- Instantaneous Focusing Device
- Independent Motor Driven Rewind
- Ventilating System
- Positive Chain Drive Friction Takeup
- Center Dividing Metal Magazines with Safety Rollers
- Automatic Safety Shutter
- Film guard between aperture and lens
- Pilot Light
- Oiling System

There is a door on the back of the case thru which the belts and the clutch are very accessible.



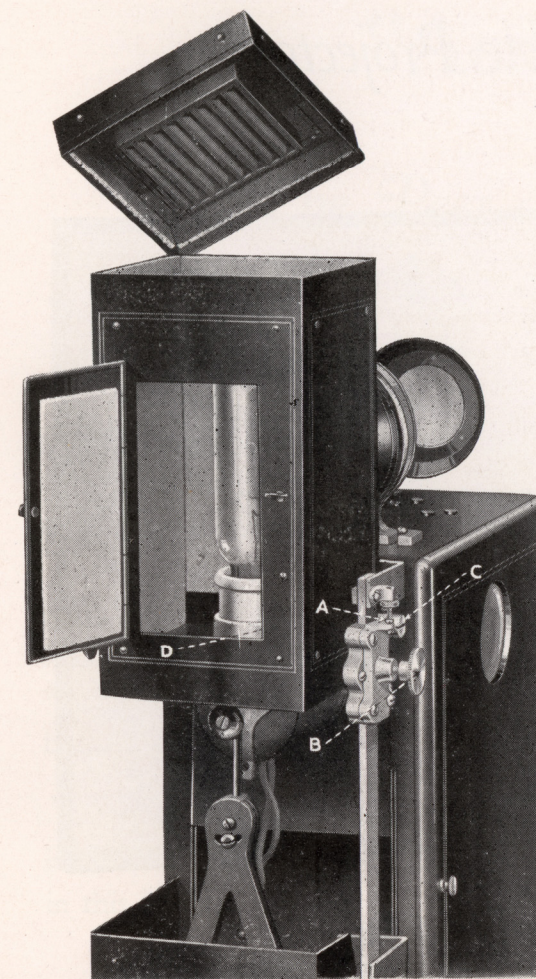
S. V. E. Features

All adjustments on "Acme" Projectors are on the outside or easily accessible.

Owing to the variation of distances in lamp filaments from the base, vertical and horizontal adjustments of lamp sockets are positively necessary to center the lamp filaments with the condenser lenses, aperture plate and objective lens.

We have made provisions for these adjustments and they are right on the outside of lamp-house as the illustration opposite shows (letters A, B, C, and D). The most inexperienced person can center a lamp in the "Acme" without the least bit of difficulty, getting maximum illumination that can only be had by perfect alignment of lamp and lenses, and anyone can do this on an "Acme".

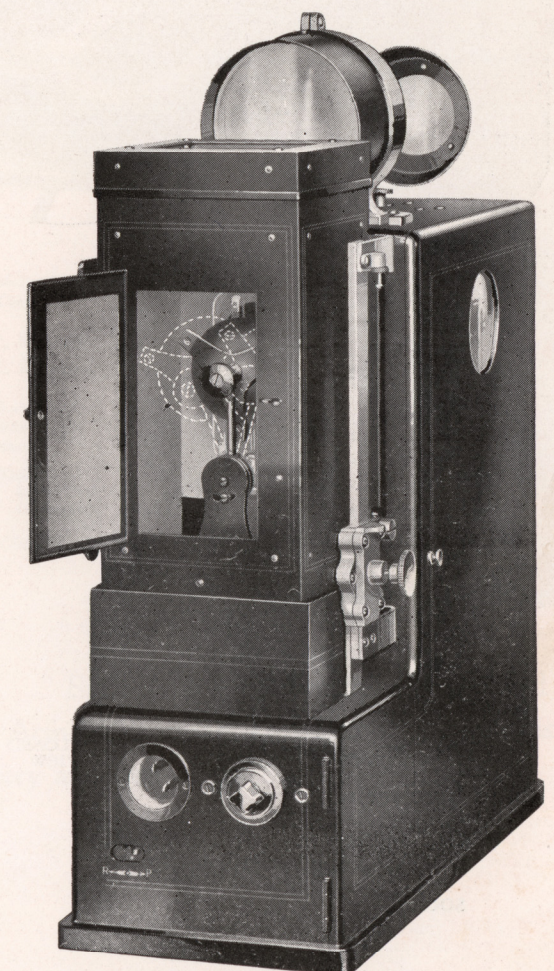
To change the lamp lift off the top of lamphouse.



The reflector plays an important part, it increases the illumination about 15% if it is properly centered. The illustration opposite shows how very accessible these adjustments are and to make them is simplicity itself.

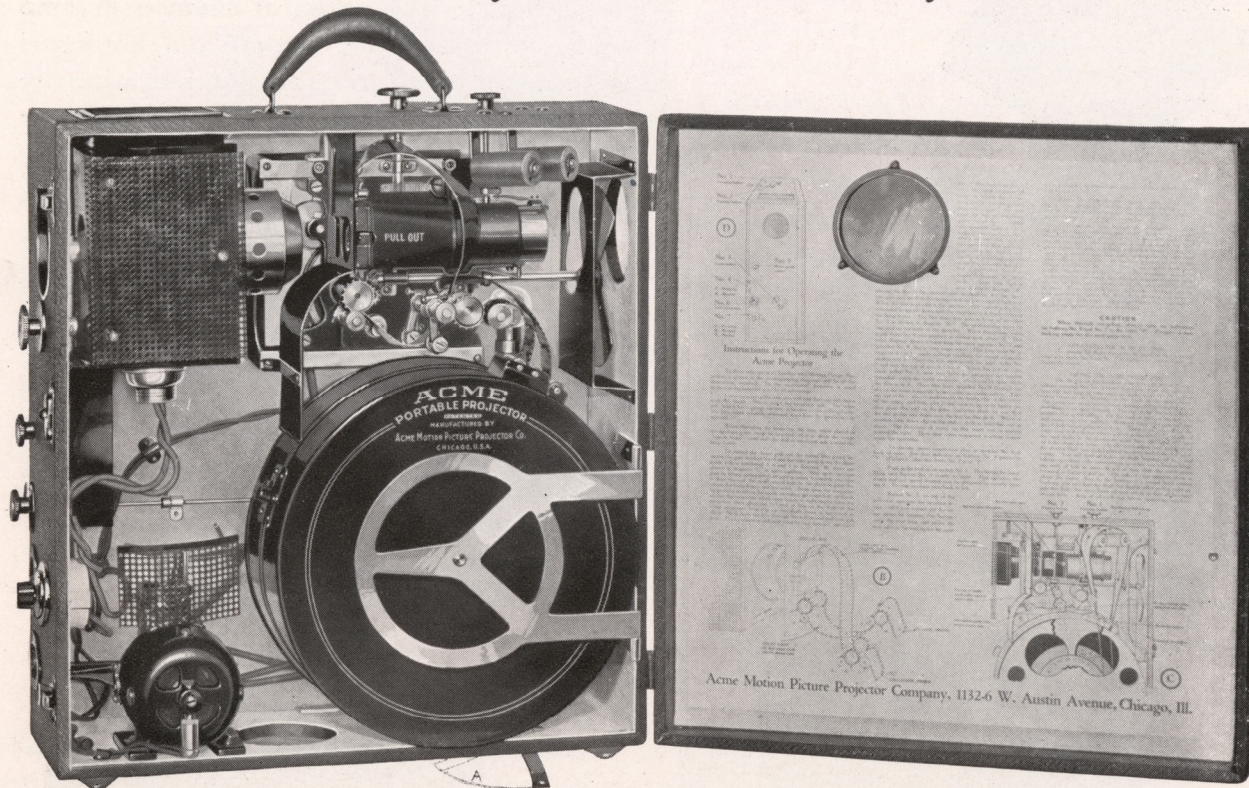
The reflector does not move up or down with the lamphouse as this added illumination is not required for showing slides.

Weight, approximately 50 lbs. Size: height 19 3/4-inches; length 21 1/2-inches; width 8 1/4-inches.



"Acme" Model 11

The Peer of all Portable Projectors



OPEN VIEW

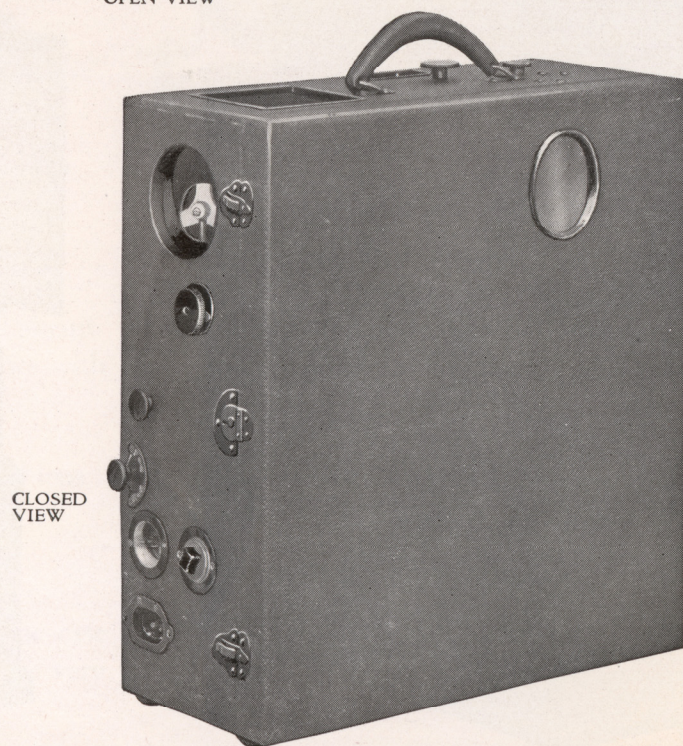
Size of Model 11

Height 18 inches.
Length 17 inches.
Width 7¾ inches.
Weight only 24 pounds.

When you buy an "Acme" you get a complete machine in every detail.

Takes standard 1000 foot reels.

Attaches to any lamp socket.



CLOSED VIEW

"Acme" Model 11

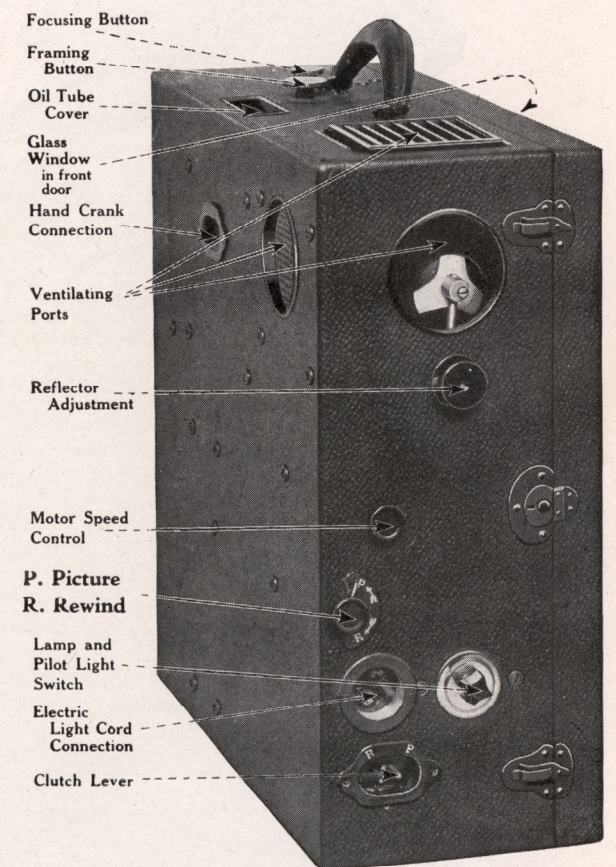
The Peer of all Portable Projectors

THE lamp is a standard 400-watt monoplane filament. This model is also equipped with a reflector, which greatly increases the illumination that is made possible thru this new type of filament lamp. This lamp, with reflector and "Acme" condenser combination, produces a very brilliant picture.

Individual and exclusive features embodied in this model are fully described and illustrated in this booklet.

Current can be taken from any ordinary socket of 110-volts, either alternating or direct, without any change whatever.

The regular 110-volt Model 11 can also be used on a 220-volt circuit with an "Acme" rheostat that is connected in series with the cord furnished with this rheostat. The above is not included as regular equipment and is charged for extra. This Model can also be furnished with a 32-volt motor and 300-watt lamp for use with portable or farm lighting plants only.



Each and every machine is backed by "Acme's" Ironclad Guarantee to give satisfactory and perfect projection.

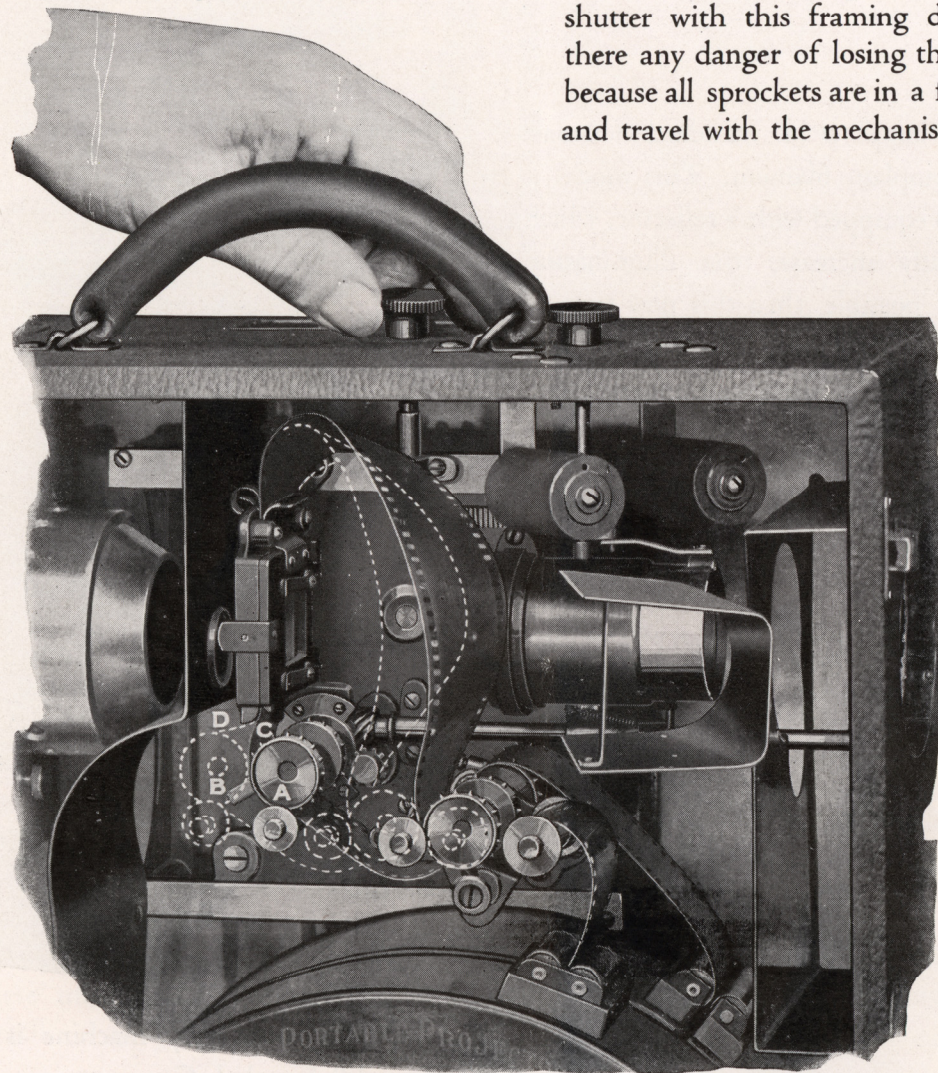
Exclusive Features most Necessary for Successful Projection "Acme" Framing Device

One of many exclusive and Patented features is the "Acme" framing device.

It is not necessary to stop the "Acme" in order to frame the picture, this can be done while the machine is in operation, by merely

turning the button on top of the case in either direction, which moves the mechanism in a horizontal position that immediately brings the full picture on the screen.

There is no advancing or retarding of the shutter with this framing device, nor is there any danger of losing the film loops, because all sprockets are in a fixed position and travel with the mechanism.



ACME MOTION PICTURE PROJECTOR CO.

We invite correspondence from anyone interested in the "Acme", and will give you the name and address of the dealer nearest to you.

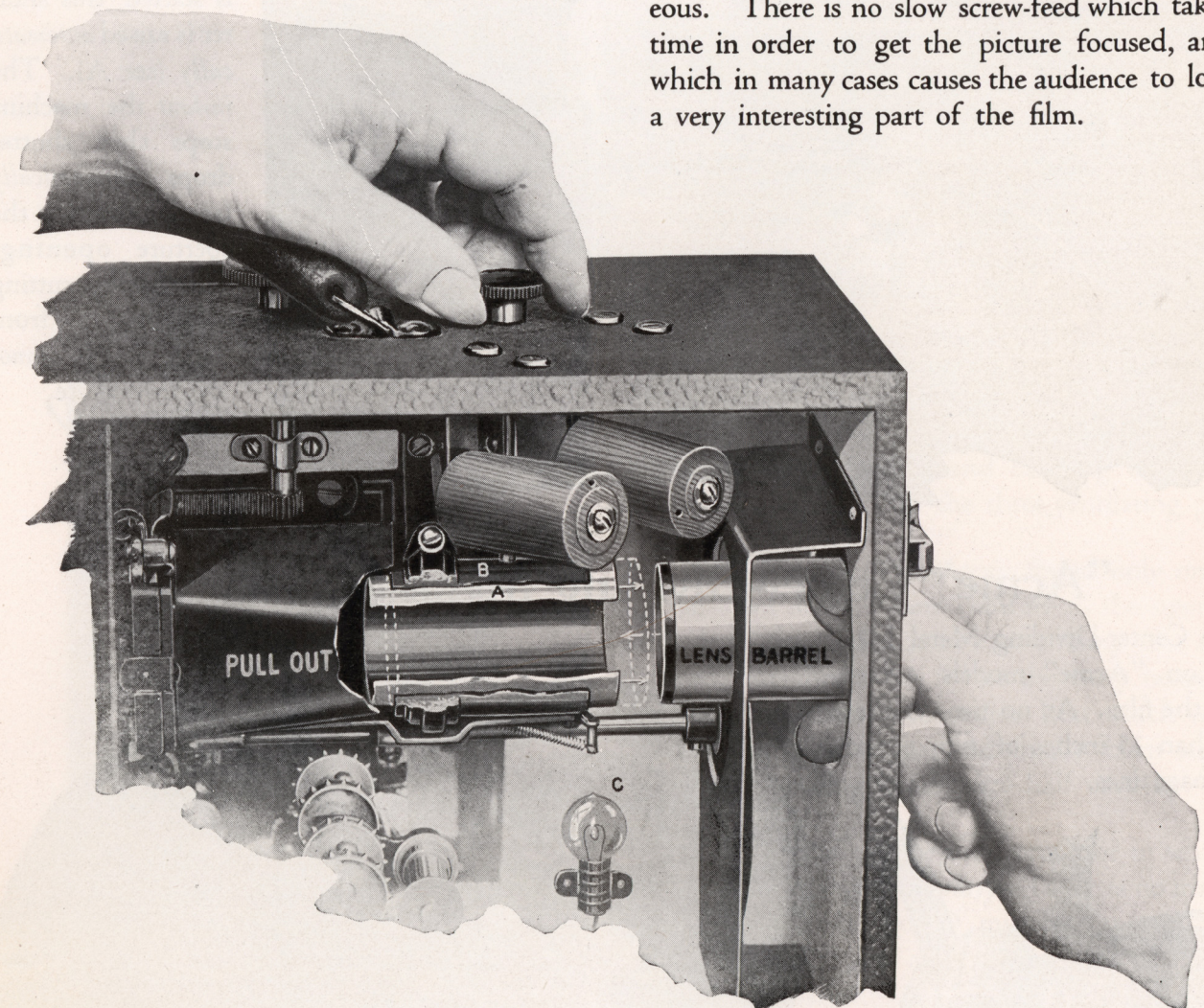
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and found only on the "Acme" and S. V. E. Projectors "Acme" Instantaneous Focusing Device

There are three things about a projector, whether it be portable or of the large professional type, that are absolutely essential. These are Registration, Definition and Illumination.

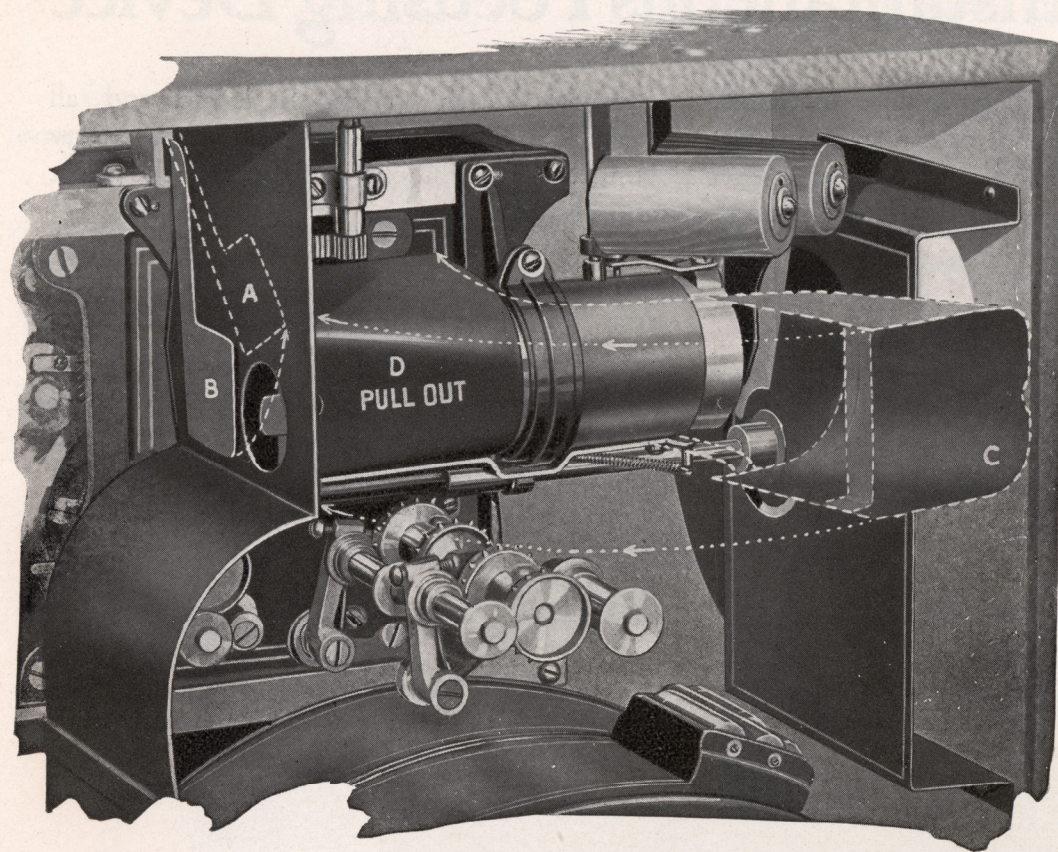
"Definition" is in the lenses, and all "Acme" projectors are equipped with the very best, the "Definition" will satisfy the most critical projectionists.

On an "Acme" the focusing is instantaneous. There is no slow screw-feed which takes time in order to get the picture focused, and which in many cases causes the audience to lose a very interesting part of the film.



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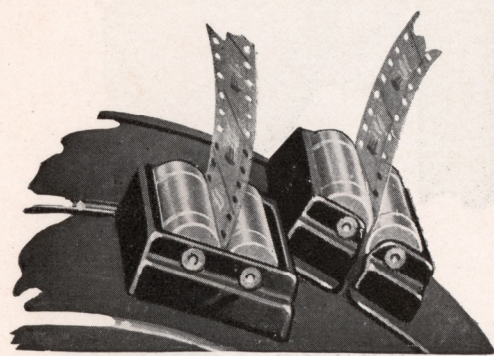
"Acme" Safety Pull-Out and Automatic Shutter



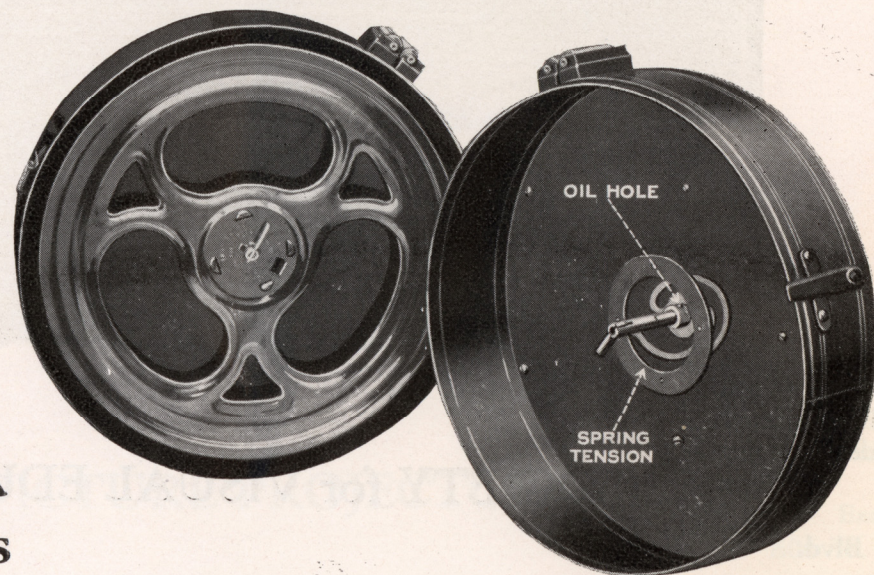
"Acme" S. V. E. and Model 11 are equipped with an Automatic Safety Shutter. Just the instant the "Acme" is started this shutter is raised *automatically* (see A). The instant the machine stops this shutter drops *automatically* (see B), covering the aperture opening, and thereby cutting off all light rays from the film. It *cannot fail* to operate.

"Acme" Center-Dividing Metal Magazines

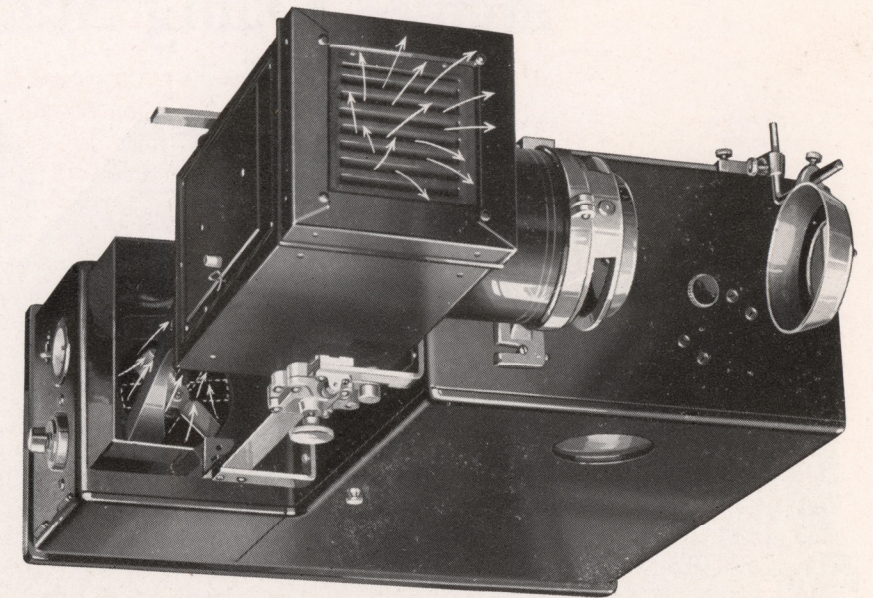
The Center-Dividing Metal Magazines on "Acme" models entirely encase the film. At no time is there more than 15 inches of film outside these magazines.



"Acme" Safety Rollers



"Acme" Ventilating System

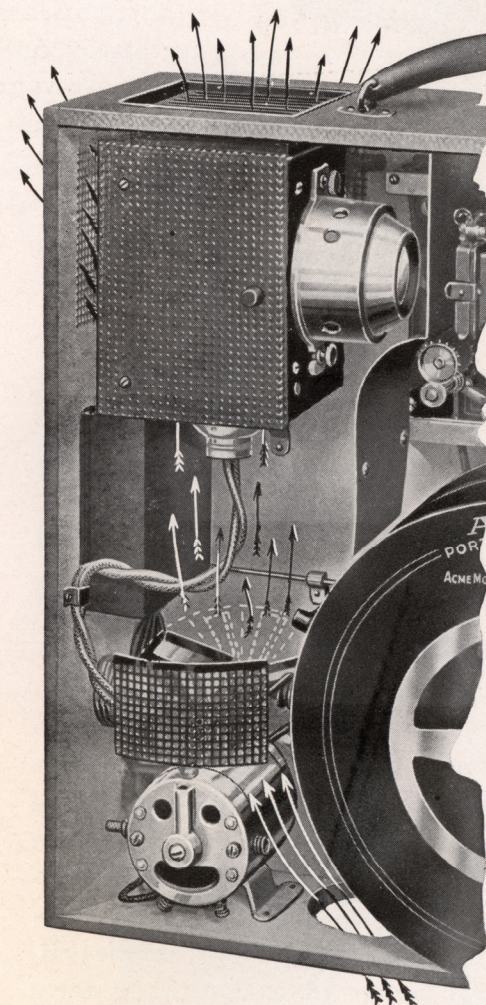


THE "ACME" ventilating system circulates a forced draft, and keeps the lamphouse and case cool. Note the revolving fan which is run by the motor, drawing cold air thru the opening in the bottom of the case, driving it past the lamp, and carrying the heated air out thru the top and the three ventilating ports.

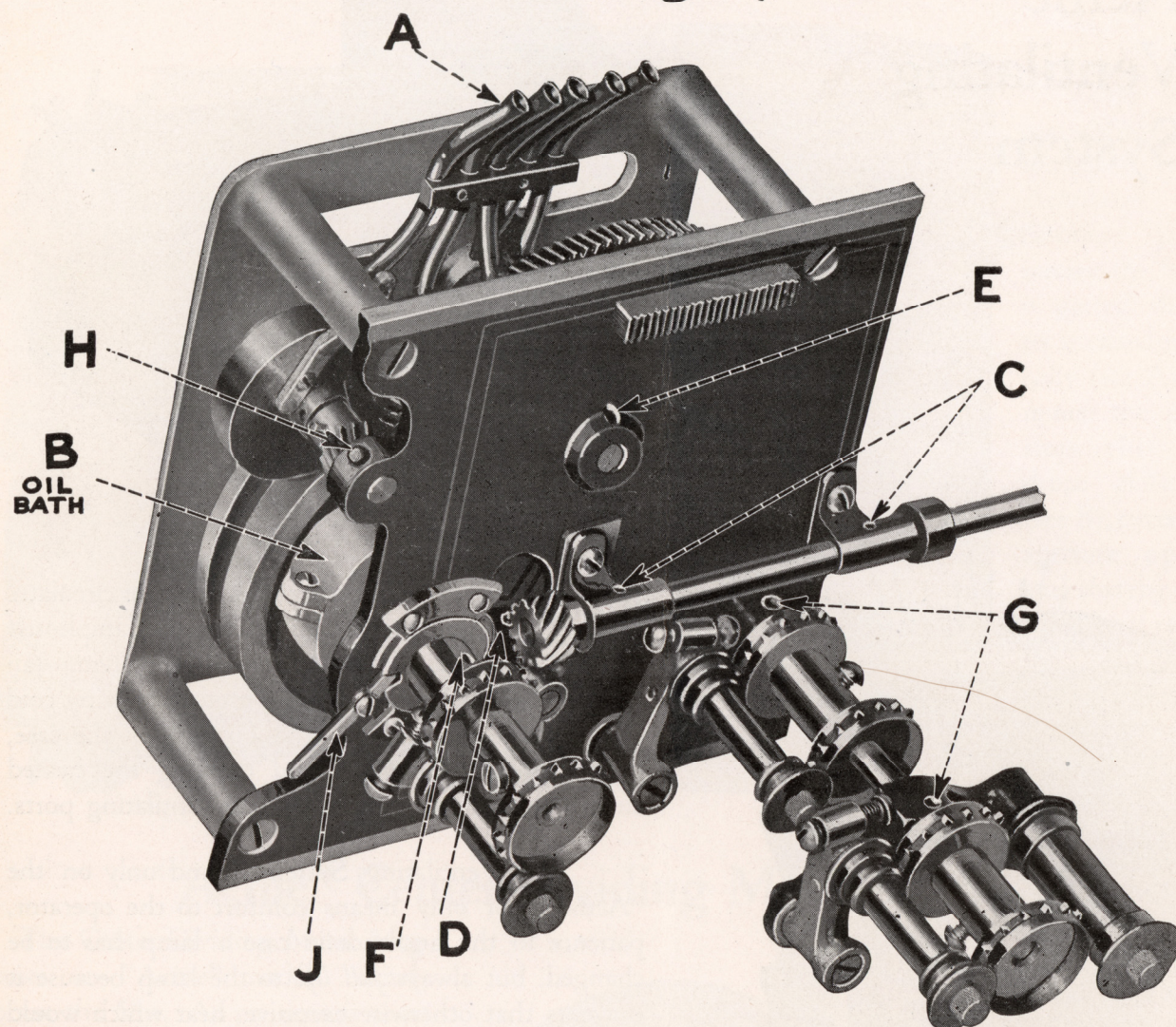
This Ventilating System, found only on the "Acme", not only means comfort to the operator, patience to the audience in case a lamp has to be changed, but always *full life* to the lamp because it prevents that otherwise excessive heat which would cause the lamp to bulge, and finally burn out before its full burning hours were half used up.

The "Acme" is the only projector in which a lamp can be changed *instantly*. There is no making an audience wait 15 to 30 minutes for a lamp to cool sufficiently to be able to handle it in case this becomes necessary.

The Condenser Mounts of Models 11 and S. V. E. are also provided with openings to allow for proper ventilation.



"Acme" Oiling System



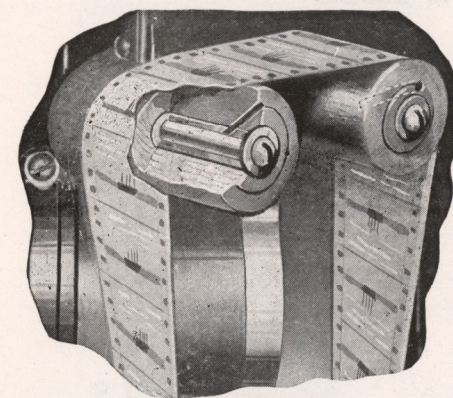
EVERY "Acme" Projector is equipped with an oiling system that is beyond doubt the most complete of its kind ever installed in a portable projector.

There isn't a moving part or bearing that has not been provided with an oil tube, and each and every one of these is accessible with the oil-can furnished as a part of every "Acme" equipment. The letter (A) shows the oil-tube that leads to all the bearings in the back of the machine, and in the top of the case there is an opening with a sliding cover. All of the back bearings are oiled through this opening. One of these tubes leads to the intermittent

movement, which is entirely enclosed and runs continually in an oil bath, as shown by the letter (B).

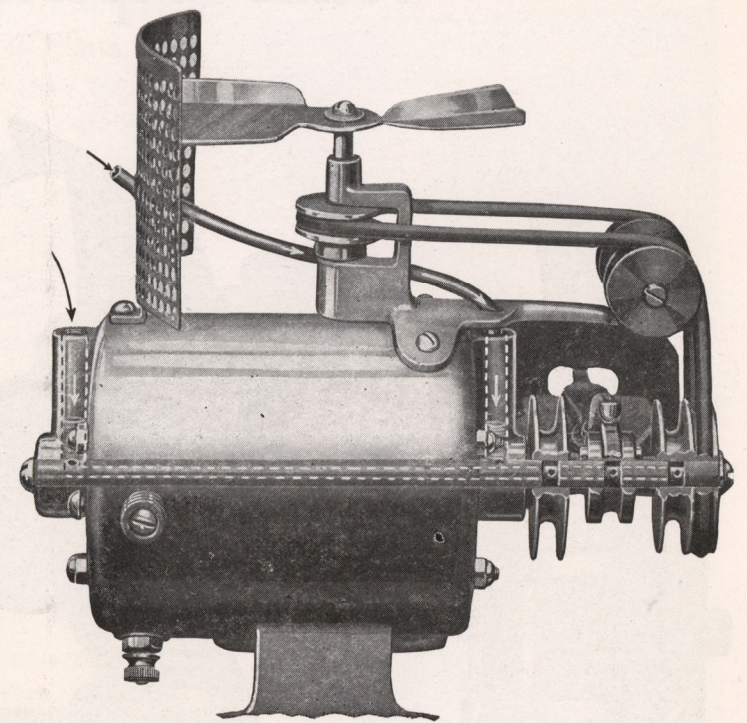
On the shutter shaft there are two nickel-plated brackets, in which are oil-holes for lubricating the cam-shaft and cam-shaft gear (D). (E) shows the crank-shaft gear oil-hole. The intermittent shaft has a bronze bushing with an oil-hole (F). The feed and take-up shaft-bearings have two oil-holes (G). The auto-shutter shaft-bearing has an oil-hole (H), providing such perfect lubrication that it never fails to work.

"Acme" Oiling System



Showing oil holes

The "Acme" Motor, as well as the mechanism, has been provided with a complete system, and just one glance at the illustration shows how perfectly this lubricating system operates.

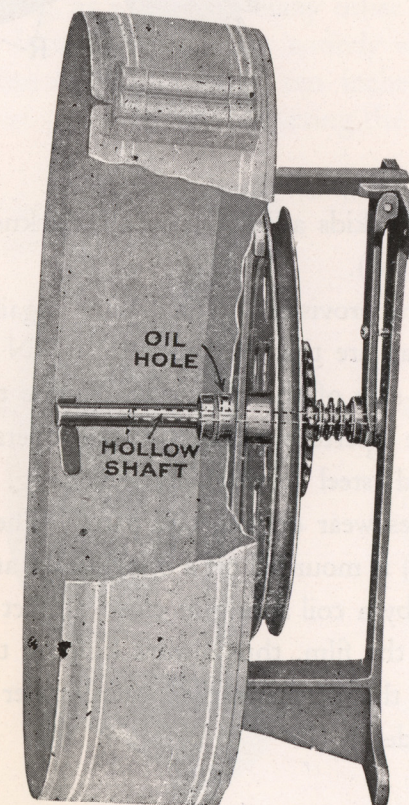


The top of the fan has a drilled screw for oiling.

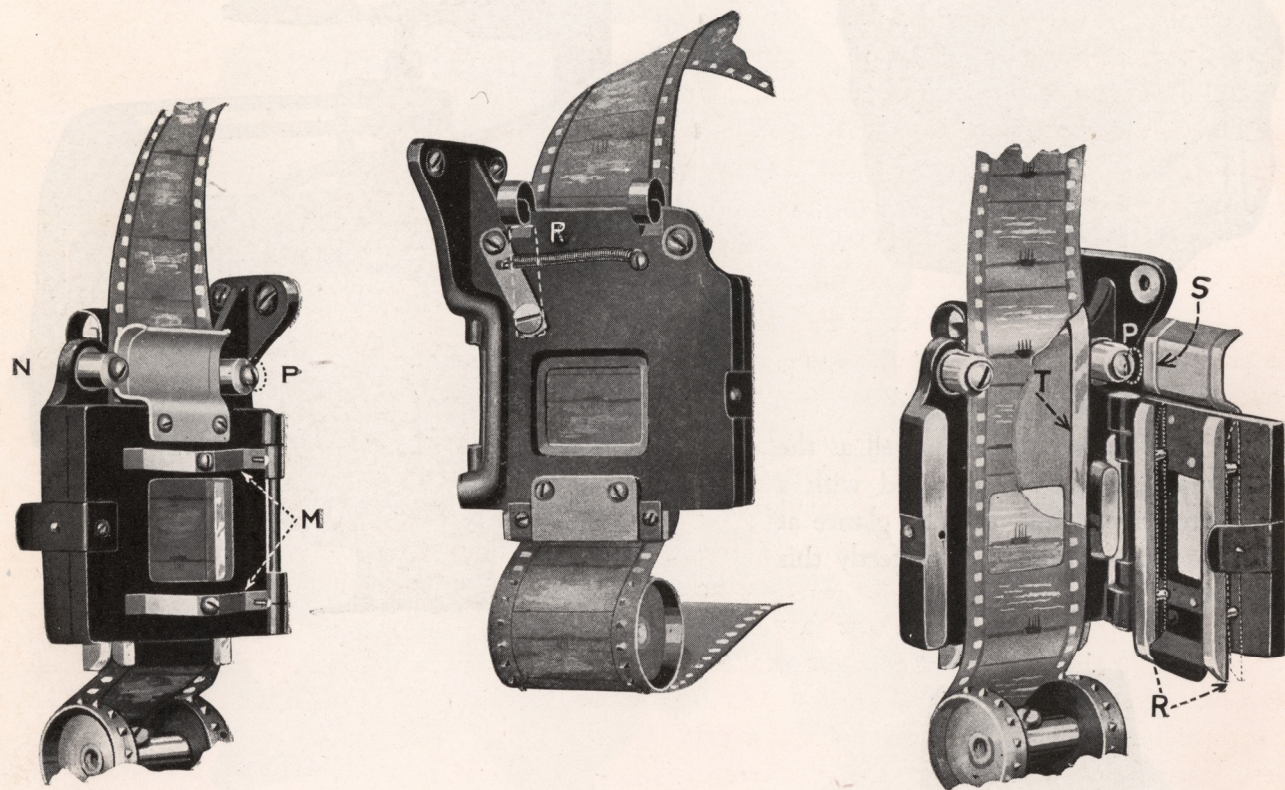
The lower take-up shaft bearings and pulleys are also provided with a perfect lubricating system.

For oiling of magazine shaft, see page 9.

There is not a piece of machinery in the world in which greater provision for ample lubrication is made, nor more efficient means supplied for doing it with such ease and convenience, than in the "Acme" Projector.



"Acme" Aperture Plate



You can't injure film in the "Acme". There is no side-sway,—but only rock-steady pictures.

No part of the emulsion (or picture portion of the film) ever touches any part of the aperture plate or gate. The only portion of the film touching these parts are the extreme edges where the sprocket holes are. These edges ride between two hardened spring guides on the aperture plate (see T) and the two steel skids on the gate (see R).

These skids, mounted on the gate, have separate and distinct flat tension springs that

make the skids adjustable to all thicknesses of film (see M).

The provisions in an "Acme" against any side-sway are the film guide rollers (N and P) on each side of the casting that guide the film thru the aperture plate. These rollers are of hardened steel continually revolving, which eliminates wear on any one part. The inside roller (P) is mounted on a steel rocker arm, and is held by a coil spring in close contact to the edge of the film, thus always keeping the film over to the permanently located roller on the other side.

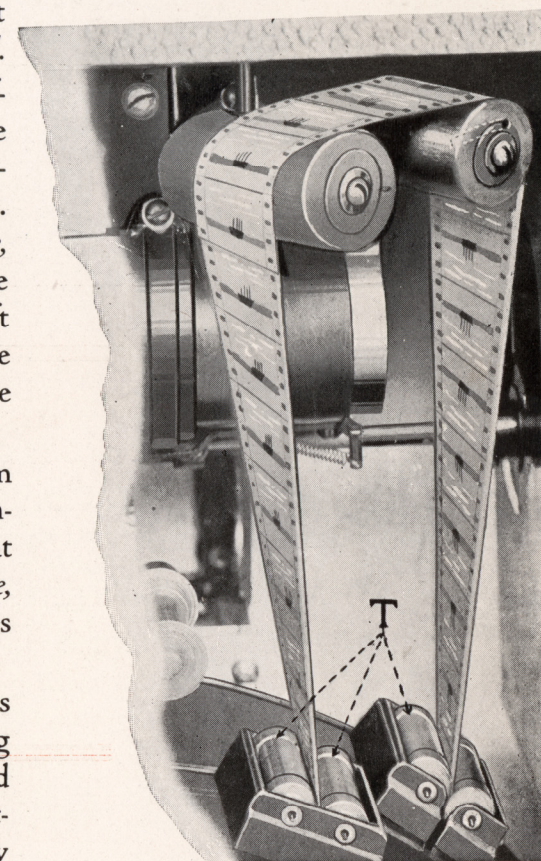
"Acme" Independent Motor-Driven Rewind

The "Acme" is the only portable projector that is equipped with an *Independent Motor-Driven Rewind*.

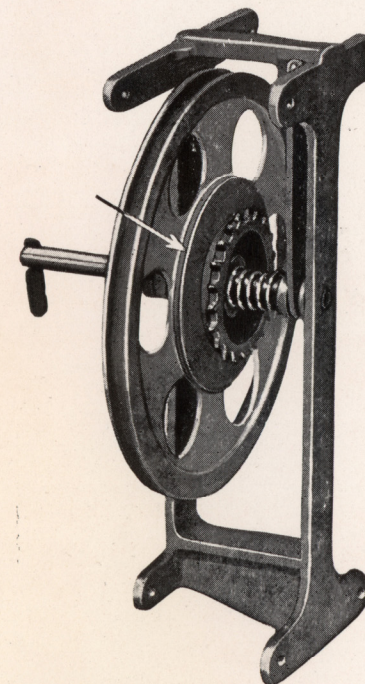
This is a most invaluable feature, in that it affords both *speed* and *safety*, and also *saves wear* on the mechanism. After the film has been run thru the projector, it must be re-wound before it can be run again. A full 1000 feet of film can be re-wound in *one minute*, and all without running any other part of the entire mechanism. The motor and lower take-up reel shaft are the only two parts that are in operation while the re-winding is being done,—the entire balance of the mechanism being at a *dead standstill*.

In other makes of projectors the whole mechanism is run with every re-wind just the same as if it was running a picture. This means, and only *can* mean, that an "Acme" will outlast any other projector *two to one*, because it is used only *half* as much as other machines have to be for showing *the same number of pictures*.

As a *safety* feature, note that all re-winding is done on the *inside* of the machine—there is no exposing the full reel of film out in the open, as there is in hand re-winding, as well as on many other makes of projectors. Instead, the film is entirely within the safety magazine excepting about ten inches, which is even less than there is when projecting the picture.



The real value of this "Acme" Re-wind can never be over-estimated.



"Acme" Positive Drive Friction Take-Up

On "Acme" Projectors will be found positive chain-drive friction take-up, never failing in action.

There is nothing more liable to ruin a film than a "take-up" device *that doesn't take up the film* as fast as it passes thru the sprockets. Particularly might this become serious on makes of projectors which have no means of keeping the film from getting in the light path.

A perfect working "take-up" is one of the most important features in film projection so be sure that the projector selected provides against ruining films by a "take-up" that never fails to work continuously.

Where the "Acmes" are being Used Successfully.

SCHOOLS UNIVERSITIES CHURCHES
LODGES and FRATERNAL SOCIETIES
YOUNG MENS CHRISTIAN ASSN.
YOUNG WOMENS CHRISTIAN ASSN.
LYCEUM BUREAUS IN THE HOMES

There are hundreds of "Acmes" now being used in
the Commercial World for
Advertising Selling Safety First Relief and Welfare Work
Motion Picture Studios Film Exchanges
Motion Picture Theatres (for previewing films)

A few of the many HUNDREDS of "Acme" Users.

United States Government
United States Grain Corpn.
United States Steel Corpn.
National Cash Register Co.
American Smelting & Refining Co.
Western Electric Co.
Universal Portland Cement Co.
International Harvester Co.
Marshall Field & Co.
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Carnation Milk Products Co.
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Manierre Engrg. & Mch. Co.
Young Mens Christian Assn.
Oliver Chilled Plow Works
Modern Woodmen of America
Illinois Steel Co.
American Red Cross

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